

# SEQUENCE LISTING

<110> Allen, Keith D.

<120> TRANSGENIC MICE CONTAINING INWARDLY  
RECTIFYING POTASSIUM CHANNEL (Kir5.1) GENE DISRUPTIONS

<130> R-902

<150> US 60/254,888

<151> 2000-12-11

<160> 4

<170> FastSEQ for Windows Version 4.0

<210> 1

<211> 1257

<212> DNA

<213> Mus musculus

<400> 1

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Arg Arg Arg Leu Leu His Lys Asp Gly Ser Cys Asn Val Tyr Phe Lys
      35             40             45
His Ile Phe Gly Glu Trp Gly Ser Tyr Met Val Asp Ile Phe Thr Thr
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Leu Val Asp Thr Lys Trp Arg His Met Phe Ile Ile Phe Ser Leu Ser

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Phe	His	His	Gly	Asp	Leu	Leu	Ser	Asp	Pro	Asp	Ile	Thr	Pro	Cys	Val
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Lys	Arg	Ala	Gln	Thr	Ile	Arg	Phe	Ser	Tyr	Phe	Ala	Leu	Ile	Gly	Met
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225				230					235					240	
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Leu	Trp	Gly	His	Arg	Phe	His	Asp	Val	Leu	Glu	Val	Lys	Arg	Lys	Tyr
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gaccatacgc ttcagctatt ttgccctcat tggatgaga gacgggaagc ttgcctcat 180  
gtggcgcata ggtgacttcc 200